

## ABSTRACT

### METHOD FOR CHECKING TRANSMISSION RESOURCES OF A PACKET-ORIENTED COMMUNICATION NETWORK WHEN THERE ARE TOPOLOGY CHANGES

To check transmission resources of a packet-oriented communication network on a topology change, a resource manager checks a reservation of the transmission resources based on the topology data relating to the topology of the communication network. Upon a topology change of the communication network, topology change information is transferred to the resource manager. The resource manager records new topology data which relates to the changed topology of the communication network. Based on the new topology data, the resource manager maps an existing reservation of the transmission resources to the changed topology of the communication network.